

APPLICATION INSTRUCTIONS

❖ Approvals Required:

1. Roof-mounted and building-mounted ASES are allowed as accessory uses and structures. The owner or contractor shall obtain a building permit before installation.
2. Ground-mounted ASES, which are designed to generate forty (40) kilowatts of power or less, are allowed as accessory uses and structures in all districts.
3. Ground-mounted ASES whose generating capacity is greater than forty (40) kilowatts, but not more than one hundred (100) kilowatts shall be treated as a Conditional Use which may be approved as an accessory use and structure by the Town Board in the Agricultural District.

❖ Performance Standards:

1. Electric ASES components must have an Underwriters Laboratory (UL) listing.
2. All ASES shall comply with the Minnesota State Building Code and Electric Code.
3. Roof-mounted ASES shall comply with the accessory structure setbacks.
4. Roof-mounted and building-mounted ASES shall not extend above the highest portion of the roofline on which the system is mounted.
5. The collector surface and mounting devices for roof-mounted ASES shall not extend beyond the exterior perimeter of the building on which the system is mounted or built. Exterior piping for solar hot water systems shall be allowed to extend beyond the perimeter of the building on a side or rear yard exposure.
6. Ground-mounted ASES shall comply with the accessory use and structure standards, including setback requirements. Ground-mounted ASES shall not be placed in front yards, and may not extend into the side yard or rear yard setback when oriented as minimum design tilt (ie. The solar panel position that is maximum horizontal extent and covers the maximum ground area).
7. A minimum of one (1) ground-mounted solar panel is permitted in Shoreland Districts, and is not considered an impervious surface.
8. The collector surface of a ground-mounted ASES located outside Shoreland Districts is not considered an impervious surface if the system has a neutral vegetated ground cover under and between the collectors and surrounding the system foundations or mounting devices.
9. The height of a ground-mounted ASES shall not exceed fifteen (15) feet.
10. Ground-mounted ASES shall be counted as an accessory structure for the purpose of meeting limits on the total square footage of accessory structures in all zoning districts.
11. Ground-mounted ASES shall meet the requirements of the Township's Stormwater Ordinance.
12. The manufacturer's engineer or another qualified engineer shall certify that the foundation and design of the solar panel(s) are within accepted professional standards, given local soil and climate conditions.